

Today's Topics:

dual banders (2m & 70cm)
FT727 CAT programming question
info on IC R71 Book?
landline (telephone) BBS's list with numbers
SPICE
Where is Burkina Faso (XT2)
Yaesu FRG-9600 mods wanted

Date: 8 Dec 89 13:57:59 GMT

From: uakari.primate.wisc.edu!samsung!cg-atla!raybed2!ewb@ames.arc.nasa.gov
(EUGENE BALINSKI)

Subject: dual banders (2m & 70cm)

Message-ID: <1417@raybed2.UUCP>

In article <2833@mmsac.UUCP>, jim@mmsac.UUCP (Jim Lips Earl) writes:

>

> If I could buy any dual-band mobile, I'd get a Kenwood 721. It has the
> cross-band built-in, and it operates much faster and better than on the
> 4100. It also allows you to monitor two bands at once. But I think it
> goes for around \$650-\$700. Anyone have a current price on a 721?

>

> --

> Jim "Lips" Earl

UUCP: sun!sacto!mmsac!jim

> KB6KCP

INTERNET: mmsac!jim@sacto.West.Sun.COM

The TM-721 is no longer available from Kenwood. There may be a few available at "closeout" from some dealers. The replacement is the TM-731. It improved the display and also fixed the PL decode problem. As I remember you could not use PL (ok, CTCSS) DECODE on the main band, only on the sub-band. The TM-731 fixed this problem. Crossband repeating is also available. The price of a new TM-731 is around \$640.00. Call the 800 numbers for best deals.

73

Gene Balinski
WA1UXA

PS The 731 is the easiest to use dual bander on the market.

Date: 9 Dec 89 01:15:37 GMT

From: attcan!telly!nebulus!root@uunet.uu.net (Dennis S. Breckenridge)

Subject: FT727 CAT programming question

Message-ID: <1989Dec9.011537.7286@nebulus>

miker@shamu.WV.TEK.COM (Mike Reiney) writes:

>Near as I can tell the CAT interface on the Yaesu FT-727 handheld
>duplicates keypushes. I can't find any way to push the keys to get
>it to go to a particular band. The u/d key toggles between bands,
>but that isn't much help when you're using it remotely and can't
>see the display.

>Any ideas?

Yes I have the official 200,000th generation photocopy faxed from Yaesu support and this is what it reports:

1 - Wiring: The tip of the phone jack is the serial output from 0x0 to 0x0f to represent signal strenth. All data to and from this little beast is TTL levels 4800 baud two inverted stop bits and one inverted data bit. My, I would like to meet the engineer that came up with that one :-)

The ring of the phone jack is the serial data input.

The body of the phone jack is +12 volts. You are supposed to get a ground from the body of the earphone jack. DO NOT SHORT the BODY of the CAT port to the EAR or MIC jacks. If you accidentally do this you let the smoke out of the IC's and everyone knows that IC's stop working if you let the smoke out!

2 - Software:

Control consists of duplicating the keystrokes that can me made on the xceiver keypad by sending the corresponding key codes to the CAT jack. the MSD (Most Significant four bits) select the key column and the LSD (not to be confused with C14H15N2CON(C2H5)2 lysergic acid diethelamide) forms the key row. The function key is simulated by setting bit 7. Serial output from the "S" meter is sent about every 100 ms

FUNCTION KEY	0x0f	0x0e	0x0d	0x0c	0x0b	
0x0e		+RPT	SIMP	-RPT	PMS	PSET
0x0d		SAVT	TDEC	TSET	TXM	S/CH
0x0b		SAVE	TENC	SCAN	MC	SHIFT
0x07		LOCK	BATT	BEEP	DUP	STEP
NORMAL	0x07	0x06	0x05	0x04	0x03	

0x0e		1	2	3	V	^
0x0d		4	5	6	M	MR
0x0b		7	8	9	C	=
0x07		*	0	#	VU	D

So to press in a direct frequency you would first press "D"
then enter the frequency.

```

D = 0x037
1 = 0x07e
4 = 0x07d
6 = 0x05d
5 = 0x06d
2 = 0x06e
D = 0x037
SIMP = 0x0ee

```

I do admit it seems a little awkward at first but it does work. To
start always go to a known spot. If you are unsure of the current
setting of the V/U status set it to a programmed frequency and then
start. If you lose sync of the V/U switch I guess your beat!

--

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NAME:      Dennis S. Breckenridge    UUCP: uunet!tmsoft!nebulus!dennis
QTH:       Toronto, Canada           ELECTROMAGNETIC: 145.03Mhz ve3gss@ve3gss
AMPR.ORG:  [44.135.88.54]           THE RIGHT CHOICE?: (416) 733-1696
-----

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Date: 8 Dec 89 19:22:54 GMT
From: portal!atari!mn@uunet.uu.net  (Mike Nowicki)
Subject: info on IC R71 Book?
Message-ID: <1869@atari.UUCP>

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In article <8860@cbmvax.UUCP> grr@cbmvax.UUCP (George Robbins) writes:
>Is anyone familiar with a book(let) titled "ICOM R71 Performance Handbook"
>written by some guy up in Canada? I'd like to know if the book is really
>useful or if I should just go buy all those optional filters...
>
>I'm primarily interested in computerized control, but would also be interested
>in mods or do it yerself add-ins.
>
>Also, either a phone number, price or pointer to and advertisement would be
>appreciated...
>

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I did a review of this book when I was doing the product review column for SPEEDX. This is a great book and must-have for any R71A owner. Lots of good tricks and tips like the no-hardware mod to increase the rigs freq range.

As I remember the book's price was a bit high, maybe \$20 or so but still worth it.

I don't have an R71A anymore but I think I still have the book kicking around someplace if you want it real cheap.

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| Michael Nowicki   N6LUU       Atari Corp,Sunnyvale CA       {ames!atari!mn} |
|.....|
| char *disclaimer=" Views expressed are my own, not my employer's"; |
| char *good_quote=" 'Wait'll they get a load of me!' - The Joker"; |
|-----|
```

Date: 9 Dec 89 05:52:04 GMT
From: philmtl!philabs!briar.philips.com!rfc@uunet.uu.net (Robert
Casey;6282;3.57;\$0201)
Subject: landline (telephone) BBS's list with numbers
Message-ID: <70196@philabs.Philips.Com>

copied from packet:

Msg#	TSF	Size	#Rd	Date/Time	MsgID	From	To
10740	BF	5415	3	1201/0630	1201_W3INK	W3INK	INFO@NYNET
Sb: Ham Telephone BBS List							

PACKET BID: 1201_W3INK

NOTE: I have NOT verified any of the below. Use caution when calling these numbers, as the possibility exists that some of these numbers may be wrong.
WA2ISE

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***** W3INK HAM RADIO BBS LIST ***** 12/01/89 *****
WB2TIX RADIO BBS                201-271-4517  NJ
THE CRYSTAL MOUNTAIN BBS        203-228-1708  CT (FIDO 1:320/777)
DAVE'S CAVE                     203-366-1234  CT (WA1FCN)
AMATEUR WORLD                   213-377-0450  CA (N6OQU)
DATALINK BBS                    214-394-7438  TX (N5ITU)
HAM-NET                         215-233-4313  PA (NEFAD/W3KBM)
3 WINKS BBS                     301-670-9621  MD (W3INK) (FIDO 1:109/418)
                               301-590-9629  MD (W3INK)
AROUND AND ABOUT                301-621-9669  MD (WA3TKW)
THUNDER BAY TRADING POST        301-831-9012  MD (WA3ZLB) (FIDO 1:109/676)
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MEDICAL SOFTWARE EXCHANGE	305-325-8709 FL (FIDO 1:135/3)
SAMSON BBS	312-394-0071 IL (KB9DIP)(FIDO 1:115/108)
THE ELK GROVE REPEATER	312-529-1586 IL (FIDO 1:115/529)
COPE OF CHICAGO	312-790-0187 IL (FIDO 1:115/777)(KB9X)
GENESIS II	313-291-2520 MI (FIDO 1:120/14)(WB8ZPN)
BOATMEN'S BANCSHARES BBS	314-436-0730 MO (KE0K0)
AMSAT BBS	314-447-3003 MO
SOUTHSIDE BBS	317-882-9330 IN (KB9BVN)(FIDO 1:231/20)
ADVANCED MICRODATA BBS	317-898-8411 IN (N9EQU)(Fido 1:231/100)
TELECOM CENTRAL	401-521-2931 RI
SARA BBS	403-240-2053 ALBERTA, CA
ALTA PACKET INFO NET	403-464-5069 ALBERTA, CA (FIDO 1:342/7)
HAMS BBS	404-363-1640 GA (WA4CBT)
LOCKHEED ARC BBS	404-949-0687 GA
PCLOGIC WILDCAT BBS	407-338-8486 FL (W4NVC)
THE HOUSE OF ILL COMPUTE	408-733-3734 CA (FIDO 1:143/21)
PD SOFTWARE EXCHANGE	408-745-0880 CA
MACSCIENCE BBS	408-866-4933 CA (FIDO 1:143/36)
RAD BOARD	412-573-0537 PA
MILWAUKEE HEATH USERS GROUP	414-548-9866 WI (KA9TGN)
BBS-JC	415-961-7250 CA (K6LLK)
NO-NAME RBBS	415-481-0252 CA (N6MON)(RBBS 8:914/101)
QRV	419-885-7043 OH
CASPER'S PLACE	503-239-4960 OR (FIDO 1:105/55)
AUTO-BBS	503-255-1432 OR (N7LBP)(FIDO 1:105/50)
THE FAMILY BBS	503-655-6198 OR (FIDO 1:105/202)
THE NORTH PORTLAND HARBOUR	503-283-2940 OR (FIDO 1:105/201)
THE OAK GROVE UNDERGROUND	503-659-2642 OR (FIDO 1:105/201)
HELPMET OF BATON ROUGE	504-273-3116 LA (W5KGG)(FIDO 1:396/101)
THE CUL-DE-SAC BBS	508-429-8385 MA (WA1YDL)(FIDO 1:322:360)
WAYSTAR BBS	508-481-7147 MA
THE ANTENNA FARM BBS	512-444-1052 TX
THE ELECTRONIC AVENUE	512-359-1748 TX (KA5THB)(FIDO 1:387/510)
THE NEUTRAL ZONE	513-253-2017 OH (NU8H)(FIDO 1:110/73)
KIC-BBS	513-762-1115 OH (KA8AWY)
PME-FIDO BBS	513-777-1234 OH (WB8BFW)
MELNIBONEAN MANOR	513-851-6454 OH
AMSAT BBS	515-961-3325 IO (W0RPK)
NEIGHBORHOOD NET	602-495-1797 AZ (KB7DJE)
THE LEGAL BEAGLE	603-883-4466 NH (K1TCD)(FIDO 1:132/115)
THE GRAPEVINE BBS	604-764-4672 KELOWNCE BC (FIDO 1:153/220)
PINELANDS RBBS	609-859-1910 NJ (W2X0)
DIGITAL NEWSLETTER	612-HAM-0000 MN (K0TG)
HAM BBS	614-457-4227 OH (N8EMR)
TOM'S BBS	617-471-0542 MA (KA1TOX)
THE GARDEN SPOT	617-545-6239 MA (NS1N)
NIGHT OWL BBS	619-279-3921 CA (WB6BDY)
THE MIDNITE RIDER	703-591-5744 VA

KC30L BBS	703-689-7156 VA (KC30L)
AMRAD BBS	703-734-1387 VA
DAS SPITZEN SPARKEN BOARD	703-791-6198 VA (WD4AZG)
PTSE	713-480-1840 TX
STORMY WEATHER II	713-644-4345 TX
ACOM II	713-879-1448 TX
PCEVE	713-955-7564 TX
F.O.G.	714-638-2298 CA (N6GIS)(FIDO 1:103/521)
THE PUBLIC SERVICE BBS	717-763-8210 PA (N3FUD)(FIDO 1:270/311.0)
THE FLAMETHROWER	804-730-1291 VA
PAC-COMM, INC. BBS	813-874-3078 FL
KAYCEE-PEEECE BBS	816-833-3427 MI
TOWER OF BABBLE	817-281-0612 TX (FIDO 1:130/48)
TEXAS CONNECTION	817-540-1835 TX
CSC CONSULTING BBS	818-998-0319 CA (K6IYK)(FIDO 1:102/803)
THE HOT MUDDY DUCK BBS	904-651-8684 FL (N4HMD)
HAMNET BBS	915-653-9077 TX (N5JZZ)(FIDO 1:383/4)
HAM'S & FRIENDS	916-920-1288 CA (WA6AXZ)(FIDO 1:203/730)
AMATEUR RADIO QUICKBBS	916-366-5531 CA (W6IDS)(FIDO 1:203/111)
CMOS	918-241-2667 OK
FIRST	918-250-8495 OK (WB5RWS)(FIDO 1:170/605)

***** PLEASE PROVIDE SUGGESTIONS AND CHANGES TO *****
 ***** THE 3 WINKs BBS, 301-670-9621, NODE 1:109/418 ***** IF
 ANYONE IS MISSED, MY APPOLOGIES. LET ME KNOW AND I'LL ADD
 IT / STAN / W3INK @ W3INK.
 0401z, 815 msgs, #11009 last
 @KD6TH-4 MailBox>

 Date: 9 Dec 89 15:13:00 GMT
 From: silver!commgrp@iuvox.cs.indiana.edu
 Subject: SPICE
 Message-ID: <12600089@silver>

"ames!cs.utexas.edu!oakhill!charlie" "Charlie Thompson" writes:
 >Anybody out there done any XTAL oscillator modelling in SPICE?
 >I'd be interested in hearing from anybody with oscillator/SPICE
 >experience.
 >Thanks, C.D.T WB4HVD

No SPICE experience here, however, a very highly recommended book on the subject is:

Crystal Oscillator Design by R.J. Matthys, Wiley & Sons, 1983,
 ISBN 0-471-87401-9.

No ****, this really happened: I went to a bookstore to check the availability of the above title. The bimbo in the store looked at it and said, "What kind of clothes does Crystal Osculator design?"

--

Frank W9MKV reid@gold.bacs.indiana.edu

Date: 8 Dec 89 22:54:07 GMT
From: portal!cup.portal.com!UKTONY@uunet.uu.net (Tony C Harding)
Subject: Where is Burkina Faso (XT2)
Message-ID: <24835@cup.portal.com>

Bourkina Fasso [formally Upper Volta]

West Africa, is landlocked under french rule untill 1960
Has the poorest city in africa and low life expectancies.

Capital Ouagadougou
Area 274,123 sq Km
Population est 1987 8,334,000

if you want I can look up the per capita income and so on.

Location 15 degrees north. Zero longitude.

Tony

Date: 8 Dec 89 19:53:27 GMT
From: portal!atari!mn@uunet.uu.net (Mike Nowicki)
Subject: Yaesu FRG-9600 mods wanted
Message-ID: <1870@atari.UUCP>

Does anyone have or know of mods to increase the freq range of a Yaesu FRG-9600 VHF/UHF?

This is a good radio but the bottom of the freq range starts at 60 Mhz. Really dumb, but that's how it is.....

| Michael Nowicki N6LUU Atari Corp,Sunnyvale CA {ames!atari!mn} |
||
| char *disclaimer=" Views expressed are my own, not my employer's"; |
| char *good_quote=" 'Wait'll they get a load of me!' - The Joker"; |

End of INFO-HAMS Digest V89 Issue #1000
